## **ABSTRACT**

This invention provides a compound of the formula:

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$$R^{2}-S \xrightarrow{=|z|} R^{3}R^{4} \xrightarrow{|z|} R^{1}$$

$$(R^{6})_{m} (R^{7})_{n}$$

$$(I)$$

or its pharmaceutically acceptable salt thereof, wherein A is partially unsaturated or unsaturated five membered heterocyclic, or partially unsaturated or unsaturated five membered carbocyclic, wherein the 4-(sulfonyl)phenyl and the 4-substituted phenyl in the formula (I) are attached to ring atoms of Ring A, which are adjacent to each other; R<sup>1</sup> is optionally substituted aryl or heteroaryl, with the proviso that when A is pyrazole, R<sup>1</sup> is heteroaryl; R<sup>2</sup> is C<sub>1-4</sub> alkyl, halo-substituted C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkylarnino, C<sub>1-4</sub> dialkylamino or amino; R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are independently hydrogen, halo, C<sub>1-4</sub> alkyl, halo-substituted C<sub>1-4</sub> alkyl or the like; or two of R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are taken together with atoms to which they are attached and form a 4-7 membered ring; R<sup>6</sup> and R<sup>7</sup> are independently hydrogen, halo, C<sub>1-4</sub> alkyl, halo-substituted C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub> alkylamino or N,N-di C<sub>1-4</sub> alkylamino; and m and n are independently 1, 2, 3 or 4.

This invention also provides a pharmaceutical composition useful for the treatment of a medical condition in which prostaglandins are implicated as pathogens.